Specifications

Format
- System ..... Compact disc digital audio system
- Laser ..... Semiconductor laser

Audio
- Frequency response ..... 20 Hz to 20 kHz, ±3 dB
- PHONES outpuyt level (32Ω , 1 kHz) ..... 10 mW + 10 mW
- Line output/impedance ..... 0.55 Vrms/1 kΩ

Power supply
- External DC supply ..... 4.5V to 6 V DC
- Rechargeable batteries (NB-88) x 2 or 4 ..... DC 2.4 V
- Commercially-available alkaline batteries (LR6/AA) x 2 or 4 ..... DC 3 V

Battery life (continuous repeat playback)

(Figures inside parentheses show the performance when the D.A.S.C. is ON.)
- Commercially-available alkaline batteries (LR6/AA) x 2 ..... Approx. 12 (9.5) Hours
- Commercially-available alkaline batteries (LR6/AA) x 4 ..... Approx. 27 (21) Hours
- Rechargeable batteries (NB-88) x 2 ..... Approx. 5.5 (4.5) Hours
- Alkaline batteries (LR6/AA) x 2 and rechargeable batteries (NB-88) x 2 ..... Approx. 18 (15) Hours

Dimensions (W x H x D) ..... 129 mm x 29.5 mm x 151 mm (5 - 1/16" x 1 - 3/16" x 5-15/16")

Weight (net) ..... 260 g (9.1 oz)

Note:
KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Accessories	DPC-X802
AC adaptor	1
Headphones	1
Car battery adaptor	1
Car cassette adaptor	1

KENWOOD

For your records

Record the serial number, found on the back panel of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model _____ Serial Number _____

152-08020-0266 R1

KENWOOD

DPC-X802

PORTABLE COMPACT DISC PLAYER

INSTRUCTION MANUAL

KENWOOD CORPORATION

Unpacking

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost.
Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.
We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.
Keep this manual handy for future reference.

Before using the rechargeable batteries

The rechargeable batteries comes non-charged condition. Read "Rechargeable battery operation" carefully and charge the batteries before use.

COMPACT disc DIGITAL AUDIO

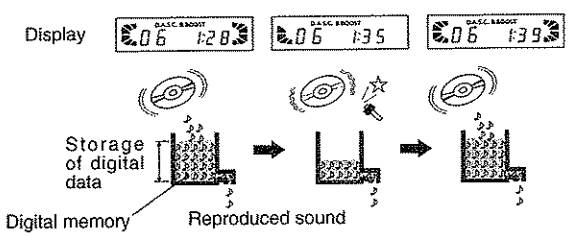
B60-4379-08 01 (K/P) OC 9901

Sound skip guard function (D.A.S.C.)

D.A.S.C. (Digital Anti Shock Circuit)

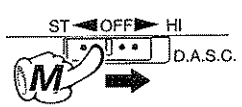
When the D.A.S.C. function is operating, about a 10 or 40-second portion of signals is always stored in memory. Consequently, when the unit receives an impact, playback will continue without interruption even if the signal from the light pickup is interrupted.
"Dual Digital Anti Shock Circuit" uses a method strong in regard to vibrations in the rotation direction in addition to the conventional D.A.S.C. function, so that the sound skip guard function is made even stronger.

Mechanism of D.A.S.C.

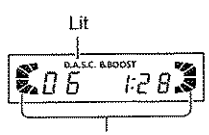


Note: Depending on the extent of the impact, the data in the memory may be used up, so the playback skip protection may momentarily be ineffective.

Setting the D.A.S.C.



Set to **ST** or **HI**.



MEMORY ACCUMULATION QUANTITY INDICATION
When the accumulation quantity becomes full, the display changes to the playback status indication.

ST position: Data are held for about 10 sec.
There is no data compression, so that listening with high sound quality is possible.
HI position : Data are held for about 40 sec.

Notes:
- The reproduced sound is interrupted during switching.
- When the player is used in a place free of vibration, it is recommended to release the D.A.S.C. to extend the play time by reducing the battery power.

In case of difficulty

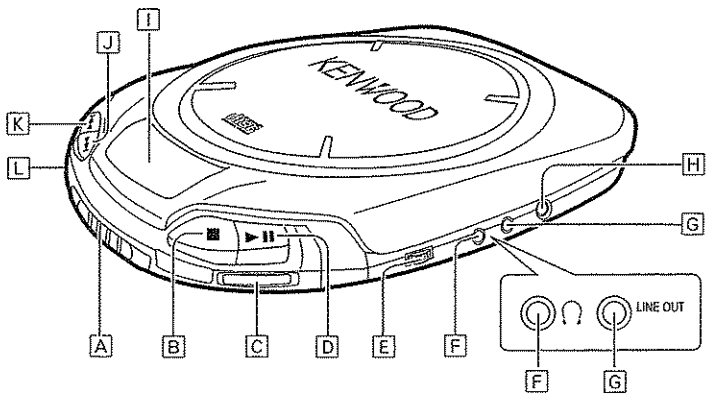
What seems to be a serious trouble may sometimes be due to a simple mistake. Before calling for service, check the items shown in the following table again. (If you request servicing due to the reasons shown in the table, the service may be charged in some cases.)

Symptom	Cause	Remedy
No operation occurs when operation keys are pressed.	• The HOLD switch of the main unit is set to ON. • The batteries are exhausted. • The disc is placed upside down. • Condensation has occurred inside the unit. • The AC adapter or car battery adapter is disconnected.	• Set the switch to OFF. • Replace the two alkaline batteries, or recharge the rechargeable batteries. • Place the disc with the labeled side up. • Leave the unit for about 1 hour before re-use. • Connect it properly.
No sound is heard from the headphones.	• The headphones are connected incompletely. • The headphones are connected to **LINE OUT** jack • The volume is set to the minimum position on the unit.	• Insert the plug securely into the ∩ (PHONES) jack. • Insert the plug securely into the ∩ (PHONES) jack. • Adjust the volume on the unit.
Sound skips, or is interrupted.	• The D.A.S.C. is set to "OFF". • A strong vibration that exceeds the capacity of the D.A.S.C. has occurred. • The disc is dirty. • The lens is dirty. • The headphone plug is dirty. • The batteries are low.	• Set the D.A.S.C. to on. • Place the unit in a place not subject to vibration. • Clean it. • Clean it. • Clean it. • Replace or recharge the batteries.
Noise interferes.	• The headphone plug is dirty. • The batteries are low. • The headphones are conected incompletely.	• Clean it. • Replace or recharge the batteries. • Insert the plug securely into the PHONES jack.
Rechargeable batteries cannot be recharged.	• Commercially available rechargeable batteries are used.	• Use the exclusive rechargeable batteries (NB-88 or NB-77).

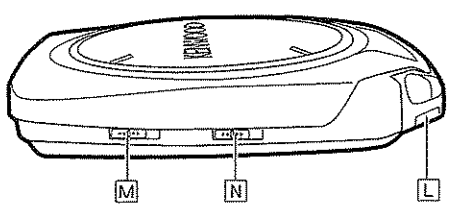
Note : This system uses a microcomputer so it may malfunction due to external noise or interference. In such a case, unplug the power cord and remove the batteries, then re-connect the power cord and insert the batteries again.

Part names

Unit (top/right side)

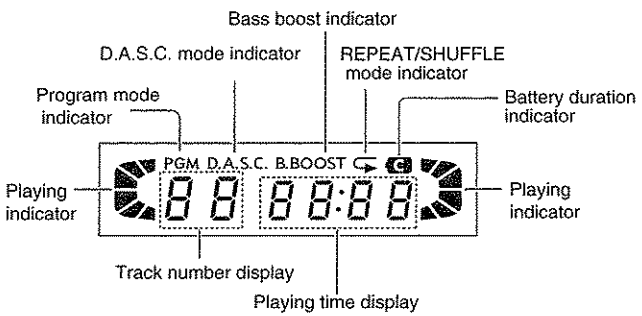


Unit (left side)



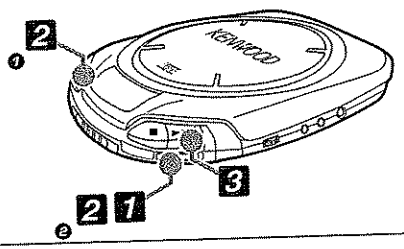
A OPEN knob (Slide to open top cover.)
B ■ (Stop/off) key
C REPEAT/P.MODE (Repeat play/Program mode) key
D ▶II (Play/pause) key
E VOLUME control knob
F ∩ (PHONES) jack
G LINE OUT jack
H DC IN (External power) jack
I Display
J ▶▶I (Skip up/Fast forward) key
K I◀◀ (Skip down/Fast reverse) key
L B.BOOST (Bass boost) key
M D.A.S.C. switch
N HOLD switch

Display (main unit)



Programming tracks in desired order

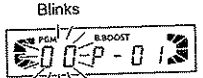
Favorite tracks (max. 24 tracks) can be programmed.



1 Press the REPEAT/P.MODE key for at least 1 second during Stop status.

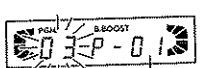
- Stop status is engaged when the ■ key is pressed while playback is in progress.

Blinks



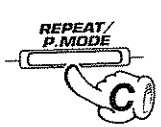
2 Select the desired track numbers in the order you want to play them.

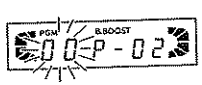
❶ **Select a track...**



Programmed order

❷ **and enter it.**



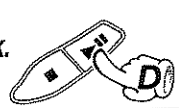


The following program sequence will be displayed.

Repeat steps ❶ and ❷ and enter the Track Nos. into the program in order.

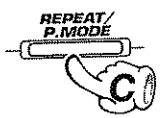
- When 24 tracks have been programmed, "FULL" will be displayed.

3 Start playback.



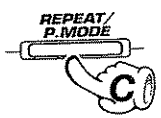
To change the programmed contents

1 Press the REPEAT/P.MODE key for at least 1 second during Stop status.



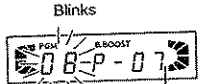
- Stop status is engaged when the ■ key is pressed while playback is in progress.

2 Call the programmed order to be changed.



- Press the REPEAT/P.MODE key repeatedly until the programmed order you want to change is displayed.

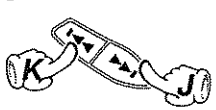
Blinks

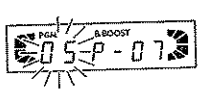


Track number Programmed order

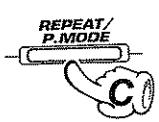
3 Enter the Track No. you want to change.

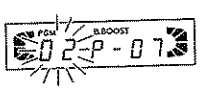
❶ **Select a track...**





❷ **and enter it.**

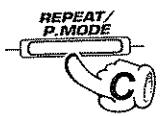




When the programmed contents are to be changed further, repeat steps 2 and 3 .

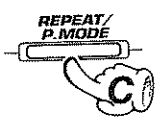
To check the programmed contents

1 Press the REPEAT/P.MODE key for at least 1 second during Stop status.



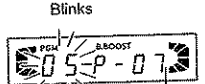
- Stop status is engaged when the ■ key is pressed while playback is in progress.

2 Press the REPEAT/P.MODE key.



- The programmed track numbers will be displayed in sequence each time the key is pressed.

Blinks

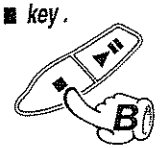


Track number Programmed order

To clear the programmed contents

1 Ensure that the player is in stop mode.

2 Press the ■ key.



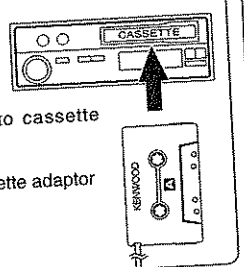
Program mode can be canceled even if the top cover is open.

Connections

Ensure that the power of all components is off before connecting the cords.

Listening through car audio

- If sound is not produced, change the tape playing direction of the car stereo.
  (Sound is not produced if the car stereo is set to play tape side B)
- Audio reproduction may be impossible with the following type of car stereo.
  One-way models which have the play head on the left side.
  Models which function by detecting the tape tension.
  (With these car stereo models, the car cassette adaptor is ejected automatically when it is inserted.)

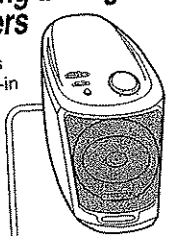


Insert into cassette deck slot.

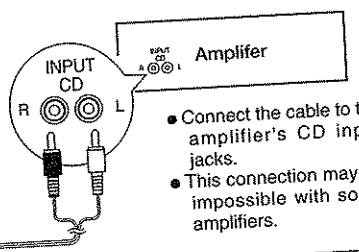
Car cassette adaptor CAC-3

Listening through speakers

Speakers with built-in amplifier

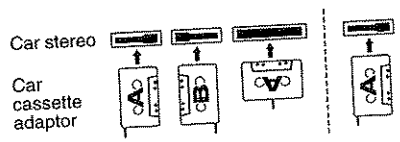


Listening through an amplifier with CD input jack

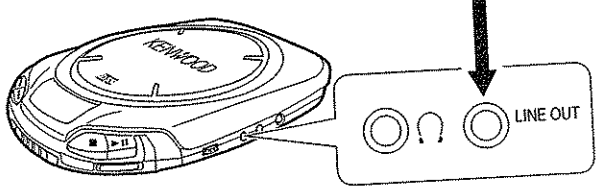


- Connect the cable to the amplifier's CD input jacks.
- This connection may be impossible with some amplifiers.

Car cassette adaptor insertion methods



- Insert the car cassette adaptor by setting the played edge and cord position as shown in the illustration.
- "B" indicates the reverse side of the car cassette adaptor.
- For details, please read the instructions for the car cassette adaptor.



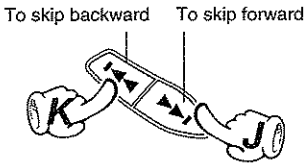
Cautions:

- Please perform volume adjustment on the connected equipment.
- Switch off the bass boost function. (Adjust the sound on the connected equipment.)

Playback from desired track

Skipping tracks

press I◄◄ key or ►►I key.

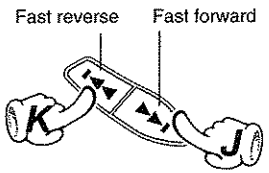


- When the ►►I key is pressed, playback will skip to the start of the subsequent track.
- Each time the key is pressed, playback will skip to the next track.

- When the I◄◄ key is pressed, playback will skip to the start of the track being played back.
- Each time the key is pressed, playback will skip to the previous track.

Fast forward, fast reverse

Hold the key pressed during playback.

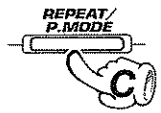


- Fast forward is engaged by pressing and holding down key ►►I while playback is in progress.
- Fast reverse is engaged by pressing and holding down key I◄◄ while playback is in progress.

- Playback will resume when either key is released.

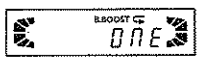
Repeat playback/Shuffle playback

It is possible to listen to one track or all tracks of a CD repeatedly or to listen to the tracks in random sequence. (SHUFFLE play)

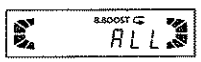


- Each press of the key switches the mode as follows:

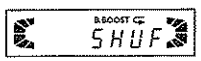
① One-track repeat
The track being played or the selected track will be played repeatedly.



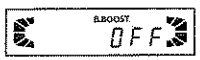
② All-track repeat
All tracks on the disc will be played repeatedly.



③ Shuffle play
All tracks on the disc will be played in a random order.



④ Repeat OFF
Return to normal playback is made.



After display for about 2 sec, return is made to the original display.

Notes

- If a key is pressed just before the end of a track and the track does not change, press the REPEAT/P.MODE key again when the track being played back is over.
- If Shuffle Play is selected while playback is in progress, Shuffle Play operation will commence when the track being played back is over.
- Up to 99 tracks can be played back in Shuffle Play operation.
- If Shuffle Play is selected during stop, shuffle play will start when the PLAY (▶II) key is pressed.

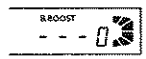
Changing the tone

Compensation of low frequencies

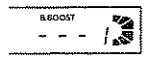
The low frequencies sound, which is felt in headphone, can be boosted.

- Each press of the key switches the mode as follows:

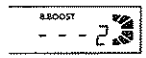
① Bass Boost OFF
Normal tone reproduction.



② Bass Boost 1
Low frequencies are boosted slightly.



③ Bass Boost 2
Low frequencies are boosted more.

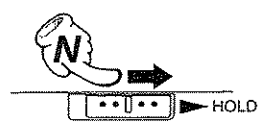


The BASS BOOST function is effective also for the analog output of the external output terminal (LINE OUT). It is not effective for optical digital output.

Hold facility

The operation keys of the main unit are deactivated. This position prevents undesired operation when the unit is put in a bag, etc.

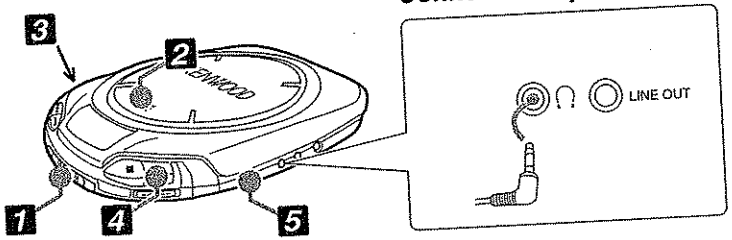
When the HOLD switch on the unit is switched ON, the unit's keys are protected.



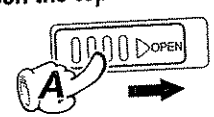
Be sure to OFF the switch before performing any operations. Operations cannot be performed if it is in the ON position.

Part names
Playback from the first track

Connect headphones.

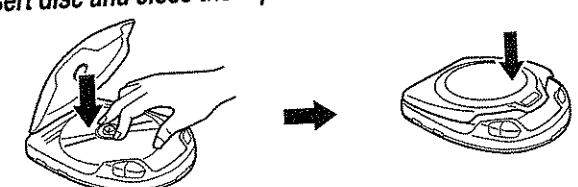


1 Open the top cover.



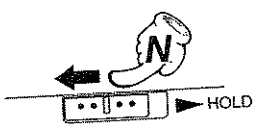
- Move the OPEN knob in the direction of the arrow.

2 Insert disc and close the top cover.



- Insert with labeled side up.
- Secure the disc by pushing a position near the center hole unit it clicks.
- Close securely by pushing the front center position of the top cover unit it clicks.

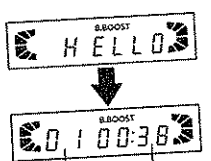
3 Set the HOLD switch to OFF.



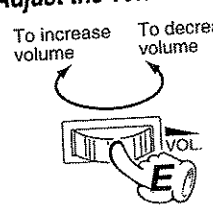
- Before any operation, be sure to set the HOLD switch to OFF.

4 Start playback.

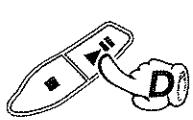
- The power comes ON and playback begins.



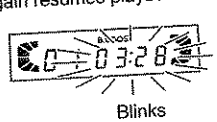
5 Adjust the volume



To pause playback temporarily

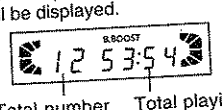


- When the ►II key is pressed during playback, it pauses temporarily. Pressing the key again resumes playback.



To stop playback

- The total number of tracks and the total playing time of them will be displayed.



To turn power OFF

- After stopping playback, press the ■ key again.

Auto power-OFF function

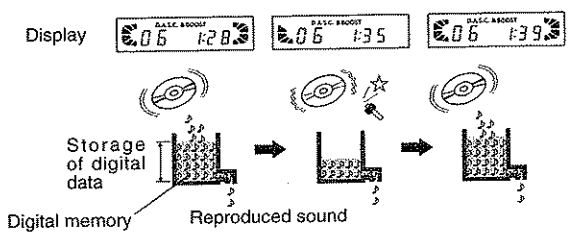
If no operation key has been pressed for 2 minutes while the unit is in the stop mode, the power is turned OFF automatically to prevent battery power consumption.

Sound skip guard function (D.A.S.C.)

D.A.S.C. (Digital Anti Shock Circuit)

When the D.A.S.C. function is operating, about a 10 or 40-second portion of signals is always stored in memory. Consequently, when the unit receives an impact, playback will continue without interruption even if the signal from the light pickup is interrupted.
"Dual Digital Anti Shock Circuit" uses a method strong in regard to vibrations in the rotation direction in addition to the conventional D.A.S.C. function, so that the sound skip guard function is made even stronger.

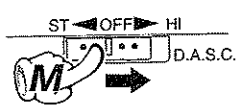
Mechanism of D.A.S.C.



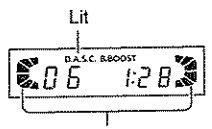
Note

Depending on the extent of the impact, the data in the memory may be used up, so the playback skip protection may momentarily be ineffective.

Setting the D.A.S.C.



Set to **ST** or **HI**.



MEMORY ACCUMULATION QUANTITY INDICATION
When the accumulation quantity becomes full, the display changes to the playback status indication.

ST position: Data are held for about 10 sec.
There is no data compression, so that listening with high sound quality is possible.
HI position : Data are held for about 40 sec.

Notes

- The reproduced sound is interrupted during switching.
- When the player is used in a place free of vibration, it is recommended to release the D.A.S.C. to extend the play time by reducing the battery power.

In case of difficulty

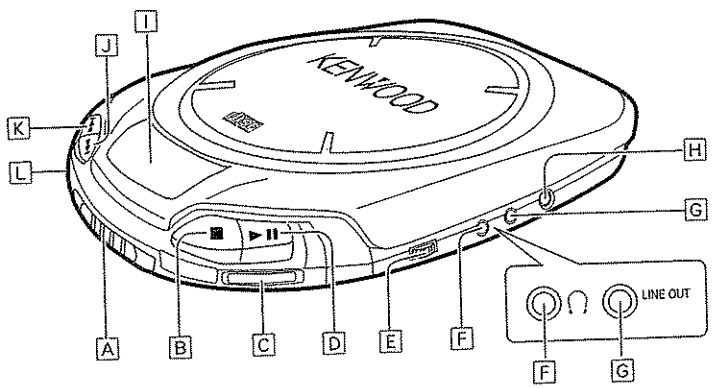
What seems to be a serious trouble may sometimes be due to a simple mistake. Before calling for service, check the items shown in the following table again. (If you request servicing due to the reasons shown in the table, the service may be charged in some cases.)

Symptom	Cause	Remedy
No operation occurs when operation keys are pressed.	• The HOLD switch of the main unit is set to ON. • The batteries are exhausted. • The disc is placed upside down. • Condensation has occurred inside the unit. • The AC adapter or car battery adapter is disconnected.	• Set the switch to OFF. • Replace the two alkaline batteries, or recharge the rechargeable batteries. • Place the disc with the labeled side up. • Leave the unit for about 1 hour before re-use. • Connect it properly.
No sound is heard from the headphones.	• The headphones are connected incompletely. • The headphones are connected to **LINE OUT** jack • The volume is set to the minimum position on the unit.	• Insert the plug securely into the ∩ (PHONES) jack. • Insert the plug securely into the ∩ (PHONES) jack. • Adjust the volume on the unit.
Sound skips, or is interrupted.	• The D.A.S.C. is set to "OFF". • A strong vibration that exceeds the capacity of the D.A.S.C. has occurred. • The disc is dirty. • The lens is dirty. • The headphone plug is dirty. • The batteries are low.	• Set the D.A.S.C. to on. • Place the unit in a place not subject to vibration. • Clean it. • Clean it. • Clean it. • Replace or recharge the batteries.
Noise interferes.	• The headphone plug is dirty. • The batteries are low. • The headphones are conected incompletely.	• Clean it. • Replace or recharge the batteries. • Insert the plug securely into the **PHONES** jack.
Rechargeable batteries cannot be recharged.	• Commercially available rechargeable batteries are used.	• Use the exclusive rechargeable batteries (NB-88 or NB-77).

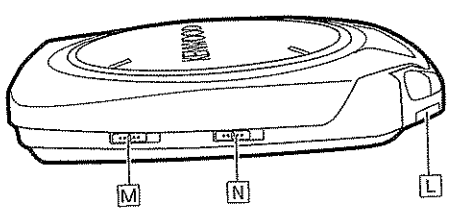
Note : This system uses a microcomputer so it may malfunction due to external noise or interference. In such a case, unplug the power cord and remove the batteries, then re-connect the power cord and insert the batteries again.

Part names

Unit (top/right side)

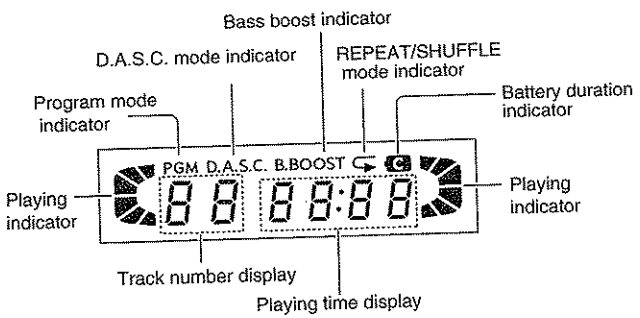


Unit (left side)



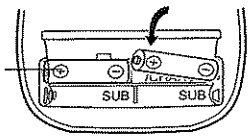
A OPEN knob (Slide to open top cover.)
B ■ (Stop/off) key
C REPEAT/P.MODE (Repeat play/Program mode) key
D ▶II (Play/pause) key
E VOLUME control knob
F ∩ (PHONES) jack
G LINE OUT jack
H DC IN (External power) jack
I Display
J ▶▶I (Skip up/Fast forward) key
K I◀◀ (Skip down/Fast reverse) key
L B.BOOST (Bass boost) key
M D.A.S.C. switch
N HOLD switch

Display (main unit)



2 Insert 2 rechargeable batteries and close the cover.

Charging is possible only on the side marked MAIN/ CHARGE.

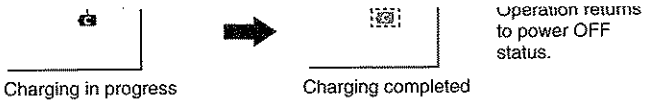


- Insert 2 rechargeable batteries into the side of the battery case where "MAIN/ CHARGE" is displayed.
- Make sure the positive (+) and negative (-) poles are properly aligned.

3 Press the ■ key twice quickly.

4 Removing the AC adapter.

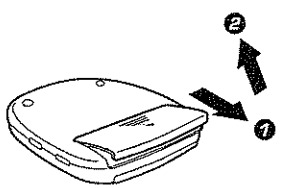
After the batteries have been charged, remove the AC adapter.



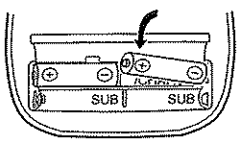
- Rechargeable batteries can be recharged for about 500 times. When the playable time per recharge reduces, please newly purchase the optional (NB-130, NB-88 or NB-77) rechargeable batteries.
- When charging is to be stopped, press the ▶II key once to supply power, and then press the ■ key to switch off the power.

When operating the unit with 2 alkaline batteries

1 Open the batteries cover.



2 Insert 2 alkaline batteries and close the cover.



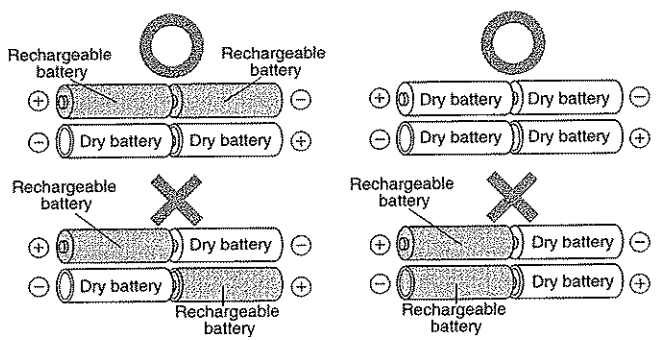
- Insert 2 AA alkaline batteries into the side of the battery case where "MAIN/ CHARGE" is displayed.
- Make sure the positive (+) and negative (-) poles are properly aligned.
- Use commercially available AA (LR6) batteries. The unit may not operate normally if manganese batteries are used.
- Replace both batteries at the same time.

⚠ Always pay attention to the following contents when the unit is to be used with four batteries.

When operating the unit with 4 batteries

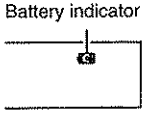
This unit can be operated with 4 alkaline batteries, or with 2 rechargeable batteries and 2 alkaline batteries. When 4 batteries are used, the unit will operate for a longer time.

- When 4 batteries are used, make sure they are arranged so that batteries of the same type are in line horizontally (see illustration).
- Do not combine batteries that have different model numbers (NB-88, NB-77, etc.).
- Exchange the same type of batteries at the same time.



Battery duration indicator

The duration at which the battery indicator starts to blink is variable depending on the type of battery used. Refer to the table on the right.



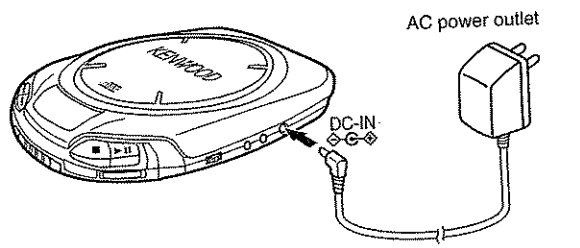
Battery Type	Blinking Timing	Treatment
Rechargeable batteries	When the batteries is nearly exhausted.	In a while, the power will be turned off automatically. Then recharge the batteries.
Alkaline batteries	When the batteries are half exhausted.	Playback is possible while the indicator is blinking.

Power sources

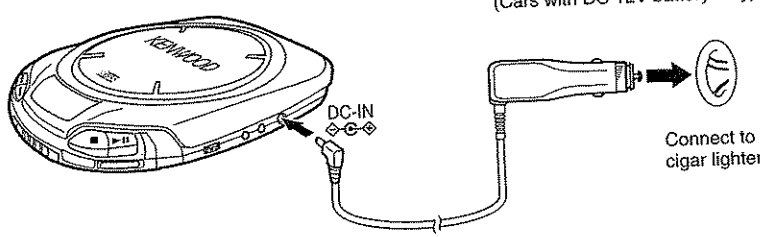
⚠ Caution: Read this page carefully to ensure safe operation.

This unit can be powered with three kinds of supplies including the batteries, household power line and car battery.

Using the AC adaptor



Using the car battery adaptor



Notes

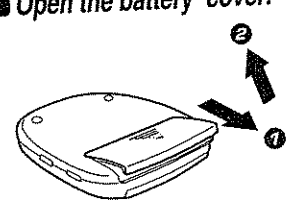
- When the unit is not used, unplug the car battery adapter. (Otherwise, the car battery may run out, with some car models.)
- The plug may not match the cigar lighter socket of some car models.
- If the unit cannot be operated with the car battery adapter connected, suspect the possibility of a blown fuse. The fuse can be replaced by turning the electrode on the tip of the adapter plug. When replacing the fuse, be sure to use a fuse with a rating of 1 A.

Rechargeable battery operation

Always use the separately sold rechargeable batteries NB-88 or NB-77. Never use the batteries other than the batteries authorized by Kenwood.

Loading the batteries

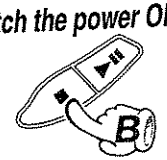
1 Open the battery cover.



Insert 2 rechargeable batteries

Charging the rechargeable batteries

1 Switch the power OFF.



2 Plug in the AC adaptor.

Notes

- When using a rechargeable battery which is new or which has not been used for more than 2 months, the operating period may be shorter than nomal. This is due to the properties of the battery and not a malfunction.
  After recharging, use the battery on the unit unitl it is exhausted. The original performance of the battery perfomance can be recovered by repeating this cycle a few times.
- Recharging is not possible during playback. Be sure to switch the power OFF before starting recharging.
- Be sure to close the top cover of the unit before proceeding to recharging.
- Recharging completes in about 6 hours. Avoid recharging batteries over 6 hours.

Lit ——— Goes off

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion --- and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

For rechargeable battery

ATTENTION

Nickel-Cadmium batteries must be recycled or disposed of properly.
State laws may vary regarding the handling and disposal of Nickel-Cadmium batteries.
Please contact your Authorized KENWOOD Dealer for more information.

For the U.S.A.

CAUTION:

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO,
HACHIOJI-SHI,
TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS NO. 21 CFR 1040.10, CHAPTER I, SUBCHAPTER J.

Location: Bottom Panel

Safety precautions

⚠ Caution: Read this page carefully to ensure safe operation.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFEGUARDS

Please read all of the safety and operating instructions before operating this unit. For best results, follow all warnings placed on the unit and adhere to the operating and use instructions. These safety and operating instructions should be retained for future reference.

1. Power sources — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

2. Power-cord protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

3. Enclosure removal — Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.

4. Drop — Do not drop the unit or apply strong shock to it. (Damage due to dropping the unit is not covered by the warranty.)

5. Ventilation — Avoid hindering the ventilation of the unit by covering it with a cloth, etc.

6. Abnormal smell — If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service center.

7. Heat — Avoid placing the unit under direct sunlight or near a source of heat such as heating equipment. Particularly, never leave it in an automobile or on the dashboard.

8. Temperature — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C (41°F).

9. Water and moisture — The unit should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

10. Dust and moisture — Avoid places where is dusty or where the humidity is high.

11. Vibrations — Avoid placing the unit on an unstable place such as a shelf or in a place subject to vibrations.

12. Magnetic fields — Keep the unit away from sources of magnetic fields such as TV sets, speaker systems, radios, motorized toys or magnetized objects.

13. Cleaning — Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc. to clean the cabinet. Use a clean dry cloth.

14. Nonuse periods — The power cord of the unit should be unplugged from the outlet when left unused for a long period of time.

15. Damage requiring service — The unit should be serviced by qualified service personnel when:
    A. The power-supply cord or the plug has been damaged.
    B. Objects have fallen, or liquid has been spilled into the unit.
    C. The unit has been exposed to rain.
    D. The unit does not appear to operate normally or exhibits a marked change in performance.
    E. The unit has been dropped, or the enclosure damaged.

16. Servicing — The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

17. CAUTION — TO PREVENT ELECTRIC SHOCK DO NOT USE THE AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Notes on using through car stereo

- In case of abnormality such as smoke production, immediately unplug the car battery adaptor from the cigar lighter socket.
- Do not leave the products or batteries in the car, particularly above the dashboard, for this may lead to malfunction or damage due to solar heat.
- If the unit is connected to a car stereo using an audio cord, noise may sometimes interfere.

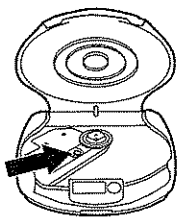
In case of abnormality, immediately press the ■ key to turn the power OFF, and unplug the AC adaptor from the power outlet. Then please contact your nearest KENWOOD service center.

Maintenance

Simple care

Care of lens

When the lens in the pick-up gets dirty, malfunctions including the impossibility of playback may occur. The lens should be cleaned using a commercially available camera lens blower, etc. Do not touch the lens to prevent damaging the mechanism. Also do not use a lens cleaner or disc cleaner product.



Care of main unit

When the unit gets dirty, clean with a soft, dry cloth. If the unit is stained seriously, a moistened cloth can be used. Do not use benzine or thinner for these will damage the unit.

Cleaning the plug

Wipe the headphone plug with a soft cloth to keep it clean.
A dirty plug may cause noise or malfunction.

Caution on disc used

Usable discs

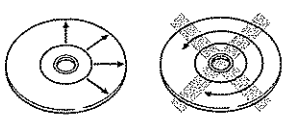
This unit is capable of playing discs marked with . Other discs cannot be played.
8 cm single CDs can be played as they are; do not use a commercially-available single CD adapter.

Handling

Hold compact discs so that you do not touch the playing surface.
Do not attach paper or tape to either the playing side or the label side of compact discs.
Never play a cracked or warped disc.
During playback, the disc rotates at high speed in the player. Therefore, to avoid danger, never use a cracked or deformed disc or a disc repaired with tape or adhesive agent.

Cleaning

If fingerprints or foreign matter become attached to the disc, lightly wipe the disc with a soft cotton cloth (or similar) from the center of the disc outwards in a radial manner.



Storage

When a disc is not to be played for a long period of time, remove it from the CD player and store it in its case.

Precaution against condensation

Immediately after a room is heated or in a room with high humidity (or vapor), the unit may malfunction due to the condensation of dew or mist on the pick-up lens. In such a case, leave the unit for about an hour before trying to use it again.

Before applying power

⚠ Caution: Read this page carefully to ensure safe operation.

AC adaptors are designed for operation as follows.

U.S.A. and Canada ..... AC 120 V only

For the U.S.A.

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifica equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

For CANADA

Canadian IC Compliance Notice

NOTICE: This Class B digital apparatus meets all requirements of the Canadian interference-Caussig Equipment Regulations.